STN (Registry/Caplus)

Connecting via Winsock to STN   *formula (II)*

Welcome to STN International!   Enter x:x

LOGINID:SSPTAJMN1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS	6	SEP 11	CA/CAplus enhanced with more pre-1907 records
NEWS	7	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS	8	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS	9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS	10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS	11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS	12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS	13	OCT 19	E-mail format enhanced
NEWS	14	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS	15	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	18	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	19	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS	20	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	21	NOV 13	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role

NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS LOGIN   Welcome Banner and News Items
NEWS IPC8   For general information regarding STN implementation of IPC 8
NEWS X25   X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:52:57 ON 17 NOV 2006

=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 10:53:02 ON 17 NOV 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 NOV 2006   HIGHEST RN 913474-36-9
DICTIONARY FILE UPDATES: 16 NOV 2006   HIGHEST RN 913474-36-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

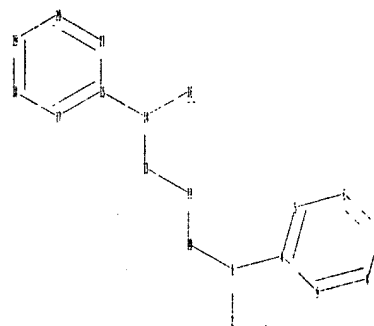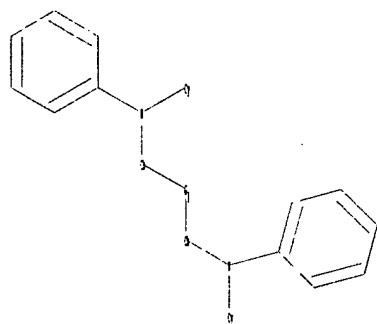TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10783304\7.str

chain nodes :
1 2   10   11   13   14   16
ring nodes :
4   5   6   7   8   9   15   17   18   19   20   21
chain bonds :
1-2   1-4   1-10   10-11   11-13   13-14   14-15   14-16
ring bonds :
4-5   4-9   5-6   6-7   7-8   8-9   15-17   15-21   17-18   18-19   19-20   20-21
exact/norm bonds :
1-2   1-4   10-11   11-13   14-15   14-16
exact bonds :
1-10   13-14
normalized bonds :
4-5   4-9   5-6   6-7   7-8   8-9   15-17   15-21   17-18   18-19   19-20   20-21

G1:O,S

Connectivity :
2:2 M minimum RC ring/chain   10:2 E exact RC ring/chain   13:2 E exact RC ring/chain
16:2 M minimum RC ring/chain
Match level :
1:CLASS   2:Any   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:CLASS

13:Atom 14:CLASS 15:Atom 16:Any 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom
Generic attributes :
2:
Saturation   : Unsaturated
13:
Saturation   : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic
16:
Saturation   : Unsaturated

Element Count :
Node 10: Limited
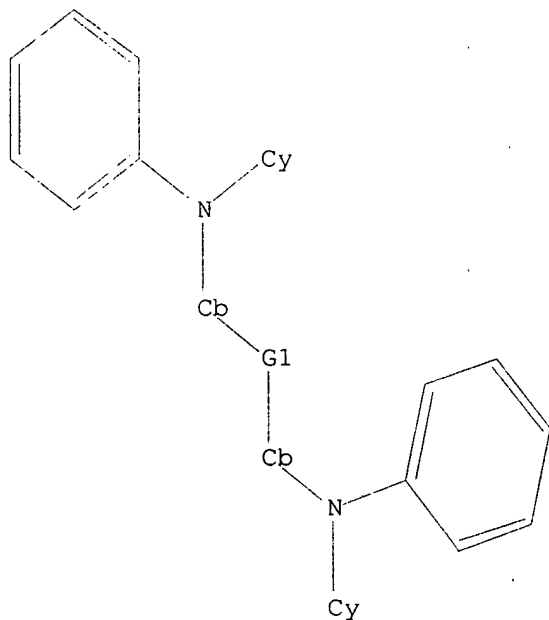   C,C6

Node 13: Limited
    C,C6

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

G1 O,S

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 full
FULL SEARCH INITIATED 10:53:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  2398266 TO ITERATE

 41.7% PROCESSED  1000000 ITERATIONS                    26 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.14

FULL FILE PROJECTIONS:   ONLINE   **INCOMPLETE**
                         BATCH    **INCOMPLETE**
PROJECTED ITERATIONS:       2398266 TO  2398266
PROJECTED ANSWERS:              39 TO       85


L2          26 SEA SSS FUL L1


=>
Uploading C:\Program Files\Stnexp\Queries\10783304\7 E = O.str
```
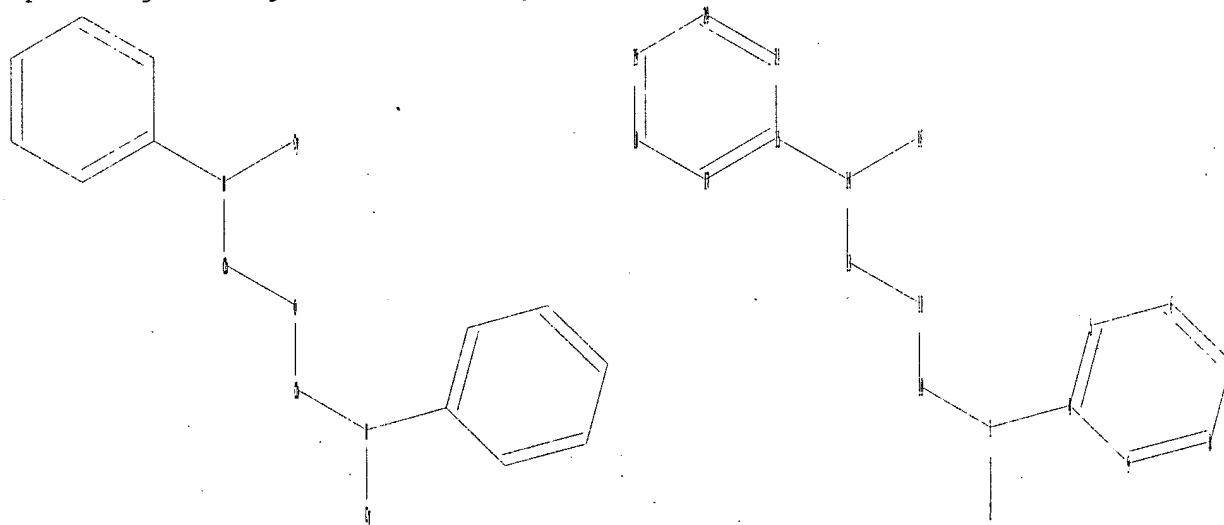


```
chain nodes :
1   2   10   11   13   14   16
ring nodes :
4   5   6   7   8   9   15   17   18   19   20   21
chain bonds :
1-2   1-4   1-10   10-11   11-13   13-14   14-15   14-16
ring bonds :
4-5   4-9   5-6   6-7   7-8   8-9   15-17   15-21   17-18   18-19   19-20   20-21
exact/norm bonds :
1-2   1-4   14-15   14-16
exact bonds :
1-10   10-11   11-13   13-14
normalized bonds :
4-5   4-9   5-6   6-7   7-8   8-9   15-17   15-21   17-18   18-19   19-20   20-21


G1:O,S

Connectivity :
2:2 M minimum RC ring/chain   10:2 E exact RC ring/chain   13:2 E exact RC ring/chain
16:2 M minimum RC ring/chain
Match level :
```

1:CLASS 2:Any 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS
13:Atom 14:CLASS 15:Atom 16:Any 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom
Generic attributes :
2:
Saturation   : Unsaturated
13:
Saturation   : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic
16:
Saturation   : Unsaturated

Element Count :
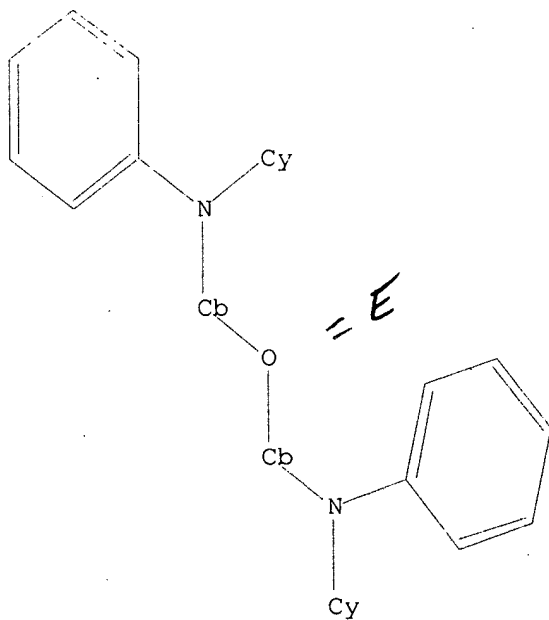Node 10: Limited
     C,C6

Node 13: Limited
     C,C6

L3   STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3   STR

G1 O,S

Structure attributes must be viewed using STN Express query preparation.

```
=> s l3 full
FULL SEARCH INITIATED 10:54:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  2533806 TO ITERATE

 39.5% PROCESSED  1000000 ITERATIONS                    20 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.13

FULL FILE PROJECTIONS:   ONLINE   **INCOMPLETE**
                         BATCH    **INCOMPLETE**
PROJECTED ITERATIONS:        2533806 TO  2533806
PROJECTED ANSWERS:             29 TO        71

L4              20 SEA SSS FUL L3

=>
Uploading C:\Program Files\Stnexp\Queries\10783304\7 E = O_2.str
```
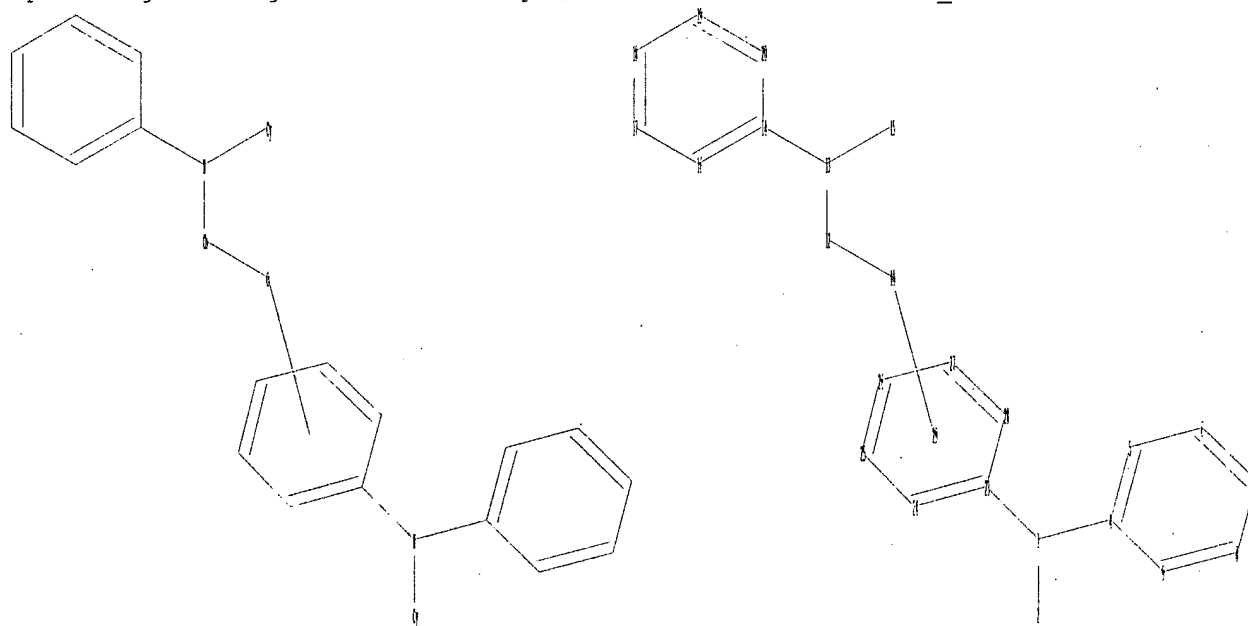


```
chain nodes :
1   2   10   12   13   15
ring nodes :
4   5   6   7   8   9  14   16   17   18   19   20   23   24   25   26   27   28
chain bonds :
1-2   1-4   1-23   10-12   12-13   13-14   13-15
ring bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28
exact/norm bonds :
1-2   1-4   1-23   13-14   13-15
exact bonds :
10-12   12-13
normalized bonds :
```

4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28

G1:O,S

Connectivity :
2:2 M minimum RC ring/chain   12:2 E exact RC ring/chain   15:2 M minimum RC
ring/chain

Match level :
1:CLASS   2:Any   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:CLASS   12:Atom
13:CLASS   14:Atom   15:Any   16:Atom   17:Atom   18:Atom   19:Atom   20:Atom   23:CLASS
24:CLASS   25:Atom
26:Atom   27:Atom   28:Atom   29:Atom
Generic attributes :
2:
Saturation   : Unsaturated
12:
Saturation   : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic
15:
Saturation   : Unsaturated

Element Count :
Node 12: Limited
    C,C6

L5   STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -   AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 15 full
FULL SEARCH INITIATED 10:56:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   169261 TO ITERATE

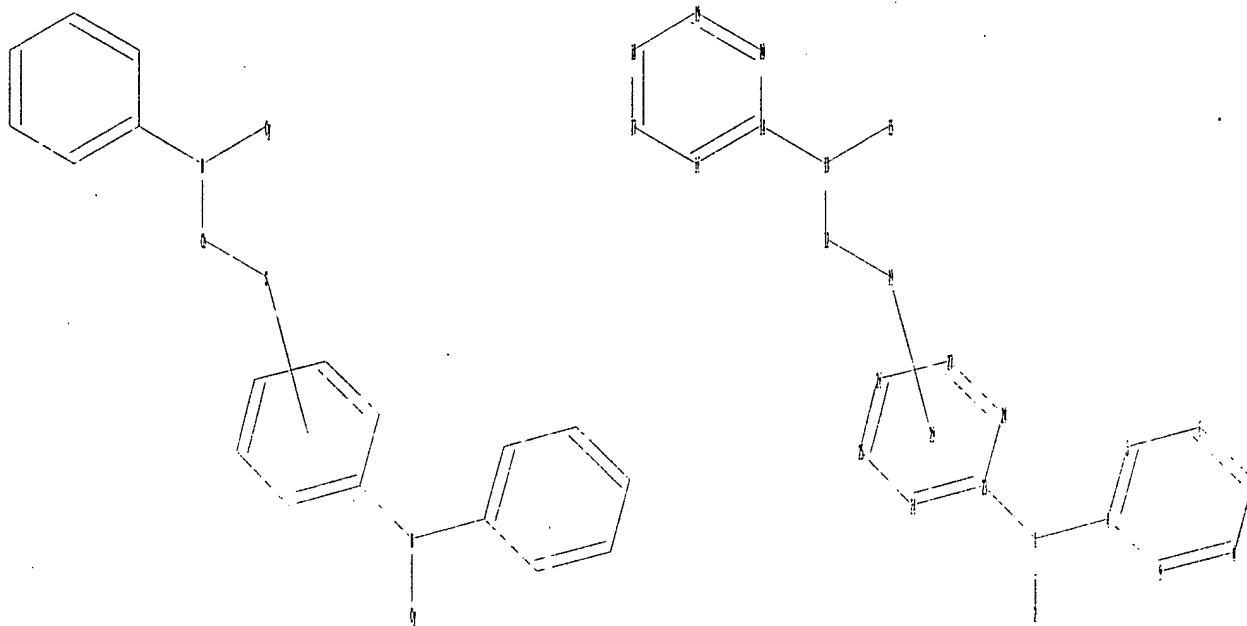100.0% PROCESSED   169261 ITERATIONS   112 ANSWERS
SEARCH TIME: 00.00.02

L6   112 SEA SSS FUL L5

=>
Uploading C:\Program Files\Stnexp\Queries\10783304\7 E = S_2.str

chain nodes :
1   2   10   12   13   15
ring nodes :
4   5   6   7   8   9   14   16   17   18   19   20   23   24   25   26   27   28
chain bonds :
1-2   1-4   1-23   10-12   12-13   13-14   13-15
ring bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28
exact/norm bonds :
1-2   1-4   1-23   13-14   13-15
exact bonds :
10-12   12-13
normalized bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28

G1:O,S

Connectivity :
2:2 M minimum RC ring/chain   12:2 E exact RC ring/chain   15:2 M minimum RC
ring/chain

Match level :
1:CLASS   2:Any   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:CLASS   12:Atom
13:CLASS   14:Atom   15:Any   16:Atom   17:Atom   18:Atom   19:Atom   20:Atom   23:CLASS
24:CLASS   25:Atom
26:Atom   27:Atom   28:Atom   29:Atom
Generic attributes :
2:
Saturation   : Unsaturated
12:

Saturation   : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic
15:
Saturation   : Unsaturated

Element Count :
Node 12: Limited
    C,C6

L7   STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l7 full
FULL SEARCH INITIATED 10:57:37 FILE 'REGISTRY'
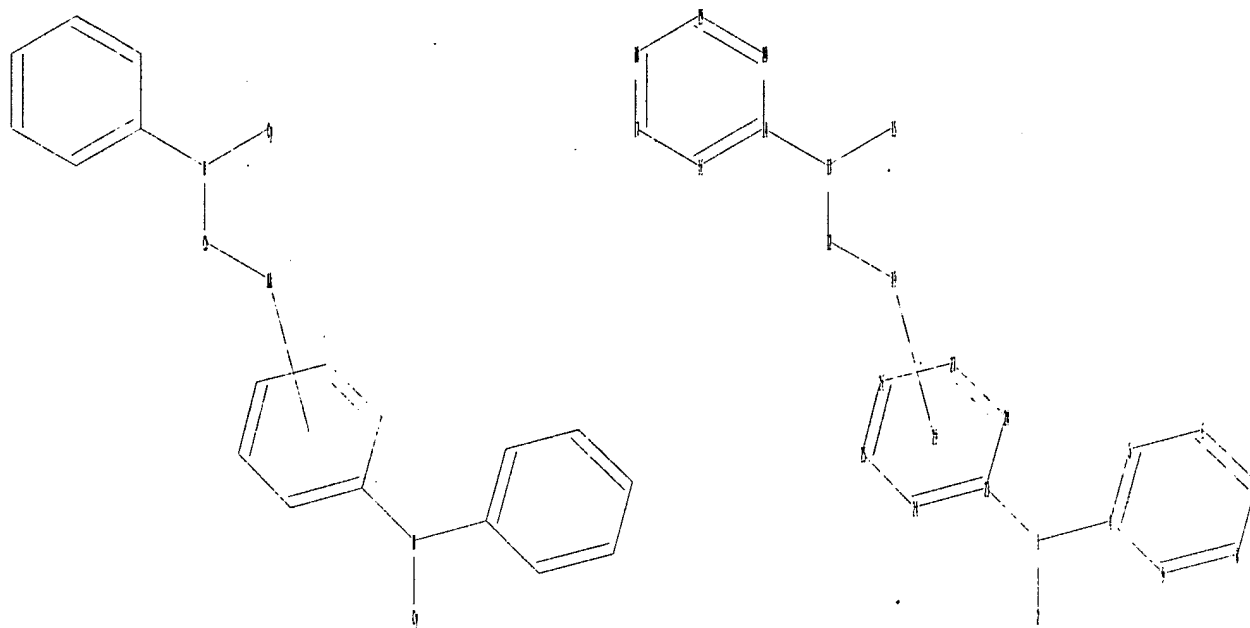FULL SCREEN SEARCH COMPLETED -   169261 TO ITERATE

100.0% PROCESSED   169261 ITERATIONS   78 ANSWERS
SEARCH TIME: 00.00.02

L8   78 SEA SSS FUL L7

=>
Uploading C:\Program Files\Stnexp\Queries\10783304\7 E = AK_2.str

```
chain nodes :
1   2   10   12   13   15
ring nodes :
4   5   6   7   8   9   14   16   17   18   19   20   23   24   25   26   27   28
chain bonds :
1-2   1-4   1-23   10-12   12-13   13-14   13-15
ring bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28
exact/norm bonds :
1-2   1-4   1-23   10-12   13-14   13-15
exact bonds :
12-13
normalized bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28


G1:O,S

Connectivity :
2:2 M minimum RC ring/chain   12:2 E exact RC ring/chain   15:2 M minimum RC
ring/chain

Match level :
1:CLASS  2:Any  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS  12:Atom
13:CLASS  14:Atom  15:Any  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom  23:CLASS
24:CLASS  25:Atom
26:Atom  27:Atom  28:Atom  29:Atom
Generic attributes :
2:
Saturation             : Unsaturated
12:
```

Saturation   : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic
15:
Saturation   : Unsaturated

Element Count :
Node 12: Limited
     C,C6

L9   STRUCTURE UPLOADED

=> d
L9 HAS NO ANSWERS
L9   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 19 full
FULL SEARCH INITIATED 10:58:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   169261 TO ITERATE
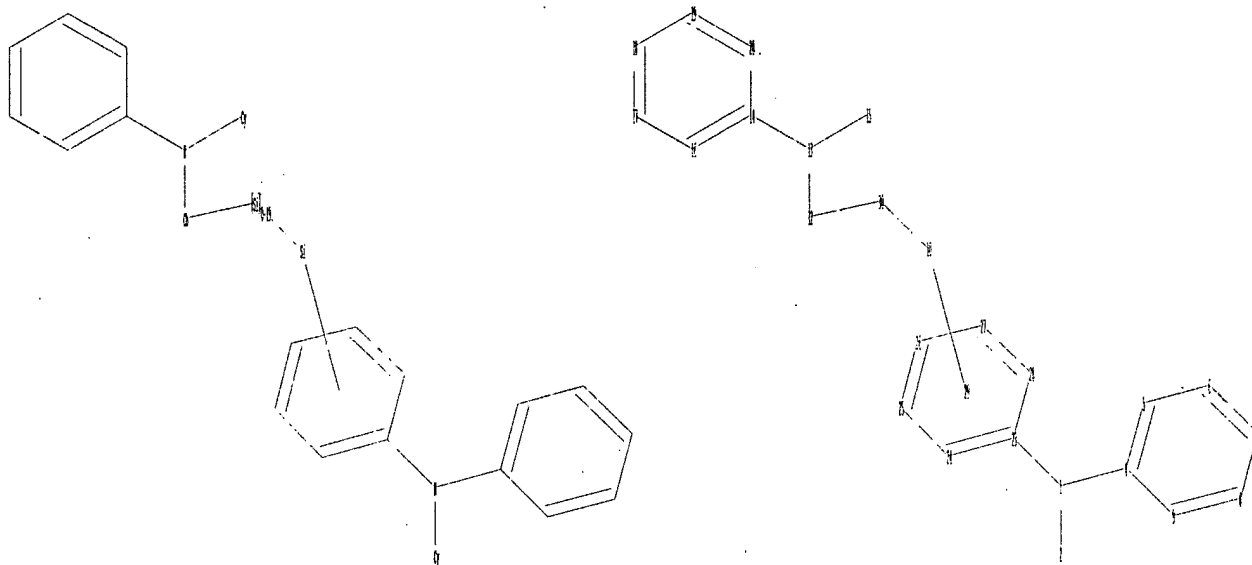
100.0% PROCESSED   169261 ITERATIONS   822 ANSWERS
SEARCH TIME: 00.00.02

L10   822 SEA SSS FUL L9

=>
Uploading C:\Program Files\Stnexp\Queries\10783304\7 E = Si_2.str

chain nodes :
1   2   10   12   13   15   30
ring nodes :
4   5   6   7   8   9   14   16   17   18   19   20   23   24   25   26   27   28
chain bonds :
1-2   1-4   1-23   10-30   12-13   12-30   13-14   13-15
ring bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28
exact/norm bonds :
1-2   1-4   1-23   13-14   13-15
exact bonds :
10-30   12-13   12-30
normalized bonds :
4-5   4-9   5-6   6-7   7-8   8-9   14-16   14-20   16-17   17-18   18-19   19-20   23-24   23-28
24-25   25-26   26-27   27-28

G1:O,S

Connectivity :
2:2 M minimum RC ring/chain   12:2 E exact RC ring/chain   15:2 M minimum RC
ring/chain

Match level :
1:CLASS   2:Any   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:CLASS   12:Atom
13:CLASS   14:Atom   15:Any   16:Atom   17:Atom   18:Atom   19:Atom   20:Atom   23:CLASS
24:CLASS   25:Atom
26:Atom   27:Atom   28:Atom   29:Atom   30:CLASS
Generic attributes :
2:
Saturation   : Unsaturated
12:

```
Saturation              : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System     : Monocyclic
15:
Saturation              : Unsaturated

Element Count :
Node 12: Limited
    C,C6
```

L11   STRUCTURE UPLOADED

=> d
L11 HAS NO ANSWERS
L11   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l11 full
FULL SEARCH INITIATED 10:59:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1408 TO ITERATE

100.0% PROCESSED   1408 ITERATIONS   41 ANSWERS
SEARCH TIME: 00.00.01

L12   41 SEA SSS FUL L11

=> d his

     (FILE 'HOME' ENTERED AT 10:52:57 ON 17 NOV 2006)

     FILE 'REGISTRY' ENTERED AT 10:53:02 ON 17 NOV 2006
L1   STRUCTURE UPLOADED
L2   26 S L1 FULL
L3   STRUCTURE UPLOADED
L4   20 S L3 FULL
L5   STRUCTURE UPLOADED
L6   112 S L5 FULL
L7   STRUCTURE UPLOADED
L8   78 S L7 FULL
L9   STRUCTURE UPLOADED
L10   822 S L9 FULL
L11   STRUCTURE UPLOADED
L12   41 S L11 FULL

=> fil caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   1004.28   1004.49

FILE 'CAPLUS' ENTERED AT 11:00:27 ON 17 NOV 2006

FILE COVERS 1907 - 17 Nov 2006   VOL 145 ISS 22
FILE LAST UPDATED: 16 Nov 2006   (20061116/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s 12
L13   1427846 12

=> s 112
L14   20 L12

=> s 110
L15   366 L10

=> s 18
L16   52 L8

=> s 16
L17   93 L6

=> s 114 or 115 or 116 or 117
L18   430 L14 OR L15 OR L16 OR L17

=> d his

     (FILE 'HOME' ENTERED AT 10:52:57 ON 17 NOV 2006)

     FILE 'REGISTRY' ENTERED AT 10:53:02 ON 17 NOV 2006
L1   STRUCTURE UPLOADED
L2   26 S L1 FULL
L3   STRUCTURE UPLOADED
L4   20 S L3 FULL
L5   STRUCTURE UPLOADED
L6   112 S L5 FULL
L7   STRUCTURE UPLOADED
L8   78 S L7 FULL
L9   STRUCTURE UPLOADED
L10   822 S L9 FULL
L11   STRUCTURE UPLOADED
L12   41 S L11 FULL

```
      FILE 'CAPLUS' ENTERED AT 11:00:27 ON 17 NOV 2006
L13    1427846 S 12
L14         20 S L12
L15        366 S L10
L16         52 S L8
L17         93 S L6
L18        430 S L14 OR L15 OR L16 OR L17

=> d ibib abs hitstr 1-430
```